

**WHAT IS CLAIMED IS:**

1. An antenna unit for a mobile communications terminal, comprising:  
an antenna housing extending from a main body of the mobile  
5 communications terminal, said antenna housing having therein a helical antenna;  
a whip antenna disposed retractably and extendably with respect to said  
antenna housing, having at one end an insulator having a length shorter than a length  
of the helical antenna and at another end a rod antenna; and  
a conductive tube disposed in a longitudinal direction of the main body below  
10 the antenna housing, for receiving said rod antenna in the retracted and extended  
position of said whip antenna, whereby said insulator is positioned within said  
helical antenna when said whip antenna is fully retracted into said antenna housing.
2. An antenna unit according to claim 1, wherein said conductive tube is  
15 made of a metal component.
3. The antenna unit according to claim 1, wherein said conductive tube  
comprises on its inner surface an insulating tube for isolation from said whip  
antenna.

4. An antenna unit according to claim 3, wherein said insulating tube extends along said conductive tube.

5. An antenna unit according to claim 3, wherein one end of said insulating  
5 tube protrudes in a longitudinal direction from a corresponding one end of said  
conductive tube, and a diameter of the other end of said insulating tube is formed to  
downwardly decrease within a corresponding other end of said conductive tube.

6. An antenna unit according to claim 3, wherein a length of said rod  
10 antenna is longer a length of said insulating tube.

7. The antenna unit according to claim 1, wherein a length of said insulator  
is shorter than that of said helical antenna.

15 8. An antenna unit according to claim 1, wherein said conductive tube is  
grounded to the main body.